

**DEPARTMENT OF TRANSPORTATION**

**Federal Motor Carrier Safety Administration**

**49 CFR Parts 382 and 391**

**Docket No. FMCSA-2011-0073**

**RIN 2126-AB35**

**Harmonizing Schedule I Drug Requirements**

**AGENCY:** Federal Motor Carrier Safety Administration, DOT.

**ACTION:** Final rule.

**SUMMARY:** The Federal Motor Carrier Safety Administration (FMCSA) amends the physical qualifications for drivers and the instructions for the medical examination report to clarify that drivers may not use Schedule I drugs and be qualified to drive commercial motor vehicles (CMVs) under any circumstances. The rule harmonizes FMCSA's provisions regarding pre-employment and return-to-duty test refusals with corresponding Department of Transportation (DOT)-wide provisions. Finally, the rule corrects inaccurate uses of the term "actual knowledge."

**DATES:** This final rule is effective **[INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER]**.

**ADDRESSES:** All background documents, comments, and materials related to this rule may be viewed in docket number FMCSA-2011-0073 using either of the following methods:

- Federal eRulemaking Portal: <http://www.regulations.gov>.
- Docket Management Facility (M-30), U.S. Department of Transportation, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590-

0001.

**FOR FURTHER INFORMATION CONTACT:** If you have questions on this rule, call or e-mail Angela Ward, Nurse Consultant, Medical Programs Office, Federal Motor Carrier Safety Administration, telephone: 202-366-3109; e-mail: [angela.ward@dot.gov](mailto:angela.ward@dot.gov). If you have questions on viewing the docket, call Renee V. Wright, Program Manager, Docket Operations, telephone 202-366-9826.

**SUPPLEMENTARY INFORMATION:**

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**I. Public Participation**

A. Viewing Comments and Documents

To view comments, as well as documents mentioned in this preamble as being available in the docket, go to <http://www.regulations.gov> and click on the –Read Comments box in the upper right hand side of the screen. Then, in the “Keyword” box, insert “FMCSA-2011-0073” and click “Search.” Next, click “Open Docket Folder” in the “Actions” column. Finally, in the –Title column, click on the document you would like to review. If you do not have access to the Internet, you may view the docket online by visiting the Docket Management Facility in Room W12-140 on the ground floor of the DOT West Building, 1200 New Jersey Avenue SE.,

Washington, DC 20590, between 9 a.m. and 5 p.m., e.t., Monday through Friday, except Federal holidays.

## **B. Privacy Act**

All comments received are posted without change to <http://www.regulations.gov>.

Anyone is able to search the electronic form for all comments received into any of our dockets by the name of the individual submitting the comment (or signing the comment, if submitted on behalf of an association, business, labor union, etc.). You may review DOT's complete Privacy Act Statement in the **Federal Register** published on January 17, 2008 (73 FR 3316), or you may visit <http://edocket.access.gpo.gov/2008/pdf/E8-785.pdf>.

## **II. Abbreviations**

CAA	Clean Air Act
CFR	Code of Federal Regulations
CMV	Commercial Motor Vehicle
DEA	Drug Enforcement Administration
FMCSA	Federal Motor Carrier Safety Administration
FR	<u>Federal Register</u>
NEPA	National Environmental Policy Act
OTETA	Omnibus Transportation Employee Testing Act of 1991
U.S.C.	United States Code

## **III. Background**

### **A. History**

The Federal laws governing drugs of abuse are set forth in the Comprehensive Drug Abuse Prevention and Control Act of 1970, often referred to as the Controlled Substances Act and the Controlled Substances Import and Export Act (21 U.S.C. 801-971), as amended. Controlled substances are drugs and other substances that have a potential for abuse and psychological and physical dependence. The Drug Enforcement Administration (DEA) is the primary agency responsible for enforcing the Federal controlled substance laws. The DEA

regulations, which implement these laws, are found in 21 CFR Parts 1300 to 1321. As part of these regulations, DEA publishes an updated list of controlled substances in 21 CFR §§ 1308.11 through 1308.15. The controlled substances are divided into five schedules. The controlled substances listed in the schedule that are relevant to this rulemaking, Schedule I controlled substances, have a high potential for abuse and have no currently accepted medical use in the United States (DEA Interim Final Rule on Electronic Prescriptions for Controlled Substances, 75 FR 16236, March 31, 2010).

The Omnibus Transportation Employee Testing Act of 1991 (OTETA) mandated that DOT establish a controlled substances (drug) and alcohol testing program applicable to regulated entities and individuals performing safety sensitive functions. Entitled “Procedures for Transportation Workplace Drug and Alcohol Testing Programs,” 49 CFR part 40 contains the DOT regulations that detail how testing must be administered and prescribes procedures to protect the integrity of the process. FMCSA’s related drug and alcohol testing regulations are in 49 CFR part 382, “Controlled Substances and Alcohol Use and Testing.”

Section 382.213 prohibits CMV drivers from using any controlled substances when on duty or reporting for duty except when prescribed by a licensed medical practitioner who has advised the driver that the prescribed substance will not adversely affect the driver’s ability to operate a CMV. Section 382.213 has remained largely unchanged since its adoption in 1994, outside of a technical amendment changing the term “physician” to “licensed medical practitioner” for the purpose of the prescription exception (61 FR 9556, March 8, 1996).

In addition to those in part 382, the Federal Motor Carrier Safety Regulations (FMCSRs) include several other regulations governing drivers’ use of drugs. Section 391.41(b)(12) was first promulgated in 1970, and stated that persons who “use an amphetamine, narcotic, or any habit-

forming drug, are not medically qualified to operate a commercial motor vehicle” (35 FR 6463, April 22, 1970). The regulation was revised several times, most notably in 1984, when the DEA’s Schedule I drugs were added to the list of drugs prohibited by § 391.41(b)(12) (49 FR 44215, November 5, 1984). Section 391.43(f) incorporates the substance of § 391.41(b)(12) in the instructions to the medical examiner.

Sections 382.213 and 391.41(b)(12) were designed to complement § 392.4, which prohibits the use of drugs by CMV drivers. Section 392.4 contains an exception for use of non-Schedule I drugs “administered to a driver by or under the instructions of a licensed medical practitioner, as defined in § 382.107 of this subchapter, who has advised the driver that the substance will not affect the driver’s ability to safely operate a motor vehicle” (49 CFR 392.4).

On July 8, 2011 (76 FR 40306), FMCSA proposed a rule to resolve a perceived inconsistency among: §§ 382.213, 391.41(b)(12), 391.43(f), and 392.4 of the FMCSRs; DOT-wide drug regulations in part 40; and DEA regulations. The Notice of Proposed Rulemaking (NPRM) proposed to eliminate these perceived inconsistencies by making three changes to FMCSA’s regulations. The first was to amend the minimum physical qualifications for CMV drivers to clarify that the use of Schedule I drugs is prohibited under all circumstances. The second was to require that drivers who refuse to submit to pre-employment and return-to-duty tests be subject to the same referral, evaluation, and treatment steps that are required after refusing other types of tests. The third was to replace the term “actual knowledge” with the word “knowledge” in the context of regulations addressing employers’ knowledge of positive test results. The comment period ended on September 6, 2011, and the Agency received two comments.

## B. Legal Authority

FMCSA has general authority to promulgate safety standards, including those governing drivers' use of drugs while operating a CMV. The Motor Carrier Safety Act of 1984 (Pub. L. 98-554, Title II, 98 Stat. 2832, October 30, 1984) (the 1984 Act) gives the Secretary of Transportation (Secretary) authority to regulate drivers, motor carriers, and vehicle equipment. It requires the Secretary to ensure that— (1) CMVs are maintained, equipped, loaded, and operated safely; (2) the responsibilities imposed on operators of CMVs do not impair their ability to operate the vehicles safely; (3) the physical condition of CMV operators is adequate to enable them to operate the vehicles safely; and (4) the operation of CMVs does not have a deleterious effect on the physical condition of the operators (49 U.S.C. 31136(a)). Section 211 of the 1984 Act also grants the Secretary broad power in carrying out motor carrier safety statutes and regulations to “prescribe recordkeeping and reporting requirements” and to “perform other acts the Secretary considers appropriate” (49 U.S.C. 31133(a)(8) and (10)).

The FMCSA Administrator has been delegated authority under 49 CFR 1.73(g) to carry out the functions vested in the Secretary by 49 U.S.C. chapter 311, subchapters I and III, relating to CMV programs and safety regulation. This rule implements, in part, the Administrator's delegated authority under Section 206(a)(3) of the 1984 Act to ensure that the physical condition of CMV operators is adequate to enable them to operate vehicles safely by clarifying that drivers may not use Schedule I drugs and be qualified to drive CMVs under any circumstances. The rule also exercises the broad recordkeeping and implementation authority under Section 211. The other subsections of Section 206(a) do not apply because this final rule only addresses the physical condition of CMV drivers.

In addition, and as stated above, OTETA (Pub. L. 102-143, Title V, 105 Stat. 917, at 952, October 28, 1991, partially codified at 49 U.S.C. 31306), mandated the alcohol and controlled substances (drug) testing program for DOT. OTETA required the Secretary to promulgate regulations for alcohol and controlled substances testing for persons in safety-sensitive positions in four modes of transportation—motor carrier, airline, railroad, and mass transit. Those regulations, including subsequent amendments, are codified at 49 CFR part 40, “Procedures for Transportation Workplace Drug and Alcohol Testing Programs.” Part 40 prescribes drug and alcohol testing requirements for all DOT-regulated parties, including employers of drivers with commercial driver’s licenses subject to FMCSA testing requirements. FMCSA’s related drug and alcohol testing regulations are in 49 CFR part 382, “Controlled Substances and Alcohol Use and Testing.”

#### **IV. Comments on the Proposed Rule**

FMCSA received two comments in response to the NPRM (76 FR 40306, July 8, 2011). The commenters included a member of the public and the American Trucking Associations (ATA). Both commenters expressed support for the rulemaking. The individual commenter stated the final rule “can help with the safety on the road and the public.” Specifically, ATA “commended FMCSA for its continued efforts to clarify and improve the drug and alcohol testing regulations.”

##### **Pre-employment tests**

ATA commented that it believed that the proposed changes to § 382.211 (pre-employment tests) would likely be ineffective because any driver that fails a pre-employment test would probably seek a position elsewhere and not report the failed test to future employers.

ATA stated that this is a loophole that cannot be closed until FMCSA implements a national clearinghouse for drug/alcohol test results.

**FMCSA Response.** Implementation of a national clearinghouse is outside the scope of the rule FMCSA proposed. FMCSA is considering, however, addressing this issue as a part of a future rulemaking.

## **V. Section-by-Section Analysis**

### **Sections 382.201 and 382.215**

This rule amends §§ 382.201 and 382.215 to correct improper use of the term “actual knowledge.” An employer has “actual knowledge” that an employee has used drugs or alcohol in violation of FMCSA rules when he or she directly observes or otherwise learns that a driver is using controlled substances or consuming alcohol while on duty (49 CFR 382.107). Actual knowledge, as defined at § 382.107, is distinct from an employer knowing that his or her employee-driver tested positive or refused a DOT drug or alcohol test. Because §§ 382.201 and 382.215 set forth prohibitions related to an employer’s knowledge related to testing, not observation, the use of the term “actual knowledge” is not appropriate. FMCSA replaces the term “actual knowledge” with “knowledge” in these sections, clarifying that these prohibitions refer to the knowledge of test results, not employer observation of prohibited conduct.

### **Section 382.211**

Prior to this final rule, § 382.211 only prohibited drivers from refusing to submit to a post-accident, random, reasonable suspicion, or follow-up drug or alcohol test. This rule amends this section to include refusals for pre-employment testing and return-to-duty testing as additional prohibitions. This amendment makes the regulation consistent with DOT-wide drug and alcohol testing rules at 49 CFR 40.191(a)(3).



### Section 382.213

Prior to this final rule, the text of § 382.213 prohibited CMV drivers from using any drugs when on duty or reporting for duty except when prescribed by a licensed medical practitioner who has advised the driver that the prescribed substance will not adversely affect the driver's ability to operate a CMV. In this final rule, the Agency amends the language regarding the drugs that CMV drivers are prohibited from using in order to differentiate between Schedule I drugs and non-Schedule I drugs. The changes make it clear that Schedule I drugs may not be used by a CMV driver under any circumstances. FMCSA's regulations continue to permit the use of non-Schedule I drugs under limited circumstances, when prescribed by a licensed medical practitioner.

### Sections 391.41 and 391.43

Prior to this final rule, § 391.41(b)(12)(i) stated that a driver may not use: controlled substances on the DEA Schedule I, amphetamines, narcotics, or other habit-forming drugs. Section 391.41(b)(12)(ii) contained an exception for a substance or drug prescribed by a licensed medical practitioner who is familiar with the driver's history and work duties and has advised the driver that the prescribed substance or drug will not adversely affect his or her ability to safely operate a CMV. Previously, § 391.41(b)(12) did not differentiate between Schedule I and non-Schedule I drugs for the purpose of the prescription exception. However, FMCSA has never considered this exception to permit use of Schedule I drugs by CMV drivers under any circumstance because Federal law prohibits Schedule I drugs from being prescribed in the United States.

The Agency amends § 391.41 to remove any ambiguity and to clarify that the exception that allows a CMV driver to use a substance or drug if it is prescribed by a licensed medical

practitioner who is familiar with the driver's medical history and has advised the driver that the prescribed substance or drug will not adversely affect the driver's ability to safely operate a CMV, only applies to non-Schedule I prescribed substances, amphetamines, narcotics, or other habit-forming drugs.

Section 391.43(f) incorporates the substance of § 391.41(b)(12) into pages 4 and 8 of the Instructions to the Medical Examiner. FMCSA makes no other changes to this document.

## **VI. Changes to the Proposed Rule in this Final Rule**

This final rule makes the following minor changes to the NPRM to improve the clarity and intent of the rule.

The final rule removes the term “controlled substance” from §§ 382.213 and 391.41(b)(12) and replaces it with “drug or substance.” This new language conforms to terminology the DEA uses in its regulations at 21 CFR part 1308. The final rule also changes the language in §§ 382.213(b) and 391.41(b)(12)(ii) that references non-Schedule I drugs or substances and replaces it with the phrase “that is identified in the other Schedules in 21 CFR part 1308.” The Agency did not intend to expand the scope of these sections to non-scheduled drugs. This change makes the Agency's intent clear by specifically stating that they only apply to the use of drugs or substances that appear on one of the DEA's controlled substances schedules.

The final rule changes the following highlighted language proposed in § 391.41(b)(12)(ii): “Does not use any non-Schedule I controlled substance except when the use is pursuant to the instructions of a licensed medical practitioner...” After further consideration, the Agency concluded that this change of language is inconsistent with language used elsewhere in the Agency's regulations and would be confusing to public. As a result, the final rule does not

adopt this change. The final rule removes the language “pursuant to the instructions of” and replaces it with the original language in this section, “prescribed by.”

The final rule also changes § 391.43(f) to reflect these changes on pages 4 and 8 of the Instructions to the Medical Examiner.

Finally, the final rule removes the following language from page 8 of the Instructions to the Medical Examiner: “If a driver uses a Schedule I drug or other substance, an amphetamine, a narcotic, or any other habit-forming drug, it may be cause for the driver to be found medically unqualified,” and replaces it with: “If a driver uses an amphetamine, a narcotic or any other habit-forming drug, it may be cause for the driver to be found medically unqualified. If a driver uses a Schedule I drug or substance, it will be cause for the driver to be found medically unqualified.” This change harmonizes the Instructions with the other changes made in this final rule. Specifically, it makes clear that a driver using a Schedule I drug or substance is not medically qualified to drive under any circumstances.

## **VII. Regulatory Analyses**

### **Regulatory Planning and Review**

This action does not meet the criteria for a –significant regulatory action,<sup>11</sup> either as specified in Executive Order 12866 as supplemented by Executive Order 13563 (76 FR 3821, January 18, 2011) or within the meaning of the DOT regulatory policies and procedures (44 FR 1103, February 26, 1979). The estimated economic costs of the rule do not exceed the \$100 million annual threshold nor does the Agency expect the rule to have substantial Congressional or public interest. Therefore, this rule has not been formally reviewed by the Office of Management and Budget. No expenditures are required of the affected population because the

rule only clarifies existing rules, amends inconsistencies in FMCSA's current regulations, and harmonizes them with DOT-wide regulations and DEA regulations.

#### Regulatory Flexibility Act

The Regulatory Flexibility Act of 1980 (5 U.S.C. 601-612) requires Federal agencies to consider the effects of the regulatory action on small business and other small entities and to minimize any significant economic impact. The term "small entities" comprises small businesses and not-for-profit organizations that are independently owned and operated and are not dominant in their fields, as well as governmental jurisdictions with populations of less than 50,000. Accordingly, DOT policy requires an analysis of the impact of all regulations on small entities and mandates that agencies strive to lessen any adverse effects on these businesses.

Under the Regulatory Flexibility Act, as amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (Pub. L. 104-121, Title II, 110 Stat. 857), the rule is not expected to have a significant economic impact on a substantial number of small entities because the rule only clarifies existing rules, amends inconsistencies in FMCSA's current regulations, and harmonizes them with the DOT-wide regulations and DEA regulations. Accordingly, I certify that a regulatory flexibility analysis is not necessary.

#### Assistance for Small Entities

In accordance with section 213(a) of the Small Business Regulatory Enforcement Fairness Act of 1996 (Pub. L. 104-121, 110 Stat. 858), FMCSA wants to assist small entities in understanding this rule so that they can better evaluate its effects on them and participate in the rulemaking initiative. If the rule affects your small business, organization, or governmental jurisdiction and you have questions concerning its provisions or options for compliance, please consult the FMCSA point of contact, Angela Ward, listed in the **For Further Information**

**Contact** section of this rule. FMCSA does not intend to take action against small entities that have questions about this rule or any policy or action of the Agency.

Small businesses may send comments on the actions of Federal employees who enforce or otherwise determine compliance with Federal regulations to the Small Business and Agriculture Regulatory Enforcement Ombudsman and the Regional Small Business Regulatory Fairness Boards. The Ombudsman evaluates these actions annually and rates each agency's responsiveness to small business. If you wish to comment on actions by employees of FMCSA, call 1-888-REG-FAIR (1-888-734-3247).

#### Unfunded Mandates Reform Act of 1995

The Unfunded Mandates Reform Act of 1995 (2 U.S.C. 1531-1538) requires Federal agencies to assess the effects of their discretionary regulatory actions. In particular, the Act addresses actions that may result in the expenditure by a State, local, or tribal government, in the aggregate, or by the private sector of \$143.1 million (which is the value of \$100 million in 2010 after adjusting for inflation) or more in any 1 year. This rule will not result in such expenditure; FMCSA expects the effects of this rule to be minimal because it only clarifies existing rules, amends inconsistencies in FMCSA's current regulations, and harmonizes them with the DOT-wide regulations and DEA regulations.

#### Paperwork Reduction Act

This rule calls for no new collection of information under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501-3520).

#### Privacy Impact Assessment

FMCSA conducted a Privacy Threshold Analysis for the rulemaking and determined that this rule is not a privacy-sensitive rulemaking because it will not require any collection,

maintenance, or dissemination of Personally Identifiable Information from or about members of the public.

#### Executive Order 13132 (Federalism)

A rule has implications for Federalism under Executive Order 13132, Federalism, if it has a substantial direct effect on State or local governments and either preempts State law or imposes a substantial direct cost of compliance on States or localities. Although States and localities are prohibited by 49 U.S.C. 31306(g) from adopting or enforcing a law or regulation inconsistent with OTETA or its implementing regulations, parts 382 and 391 and this rule do not impose substantial direct costs of compliance on States or localities. FMCSA has therefore determined that this rule does not have implications for federalism.

#### Executive Order 12630 (Taking of Private Property)

This rule does not effect a taking of private property or otherwise have taking implications under Executive Order 12630, Governmental Actions and Interference with Constitutionally Protected Property Rights.

#### Executive Order 12988 (Civil Justice Reform)

This rule meets applicable standards in sections 3(a) and 3(b)(2) of Executive Order 12988, Civil Justice Reform, to minimize litigation, eliminate ambiguity, and reduce burden.

#### Executive Order 13045 (Protection of Children)

FMCSA analyzed this rule under Executive Order 13045, Protection of Children from Environmental Health Risks and Safety Risks. This rule is not an economically significant rule and does not create an environmental risk to health or risk to safety that might disproportionately affect children.

#### Executive Order 13211 (Energy Effects)

FMCSA analyzed this rule under Executive Order 13211, Actions Concerning Regulations That Significantly Affect Energy Supply, Distribution, or Use. The Agency determined that it is not a “significant energy action” under that order because it is not a “significant regulatory action” under Executive Order 12866 and is not likely to have a significant adverse effect on the supply, distribution, or use of energy.

#### Technical Standards

The National Technology Transfer and Advancement Act (NTTAA) (15 U.S.C. 272 note) directs agencies to use voluntary consensus standards in their regulatory activities unless the agency provides Congress, through the Office of Management and Budget, with an explanation of why using these standards would be inconsistent with applicable law or otherwise impractical. Voluntary consensus standards are technical standards (e.g., specifications of materials, performance, design, or operation; test methods; sampling procedures; and related management systems practices) that are developed or adopted by voluntary consensus standards bodies. This rule does not use technical standards. Therefore, FMCSA did not consider the use of voluntary consensus standards.

#### National Environmental Policy Act and Clean Air Act

FMCSA analyzed this rule for the purpose of the National Environmental Policy Act of 1969 (NEPA) (42 U.S.C. 4321 et seq.) and determined under our environmental procedures Order 5610.1, published February 24, 2004 (69 FR 9680), that this action does not have any effect on the quality of the environment. Therefore, this rule is categorically excluded from further analysis and documentation in an environmental assessment or environmental impact statement under FMCSA Order 5610.1, paragraph 6(r) of Appendix 2. The Categorical Exclusion under paragraph 6(y)(6) relates to “regulations implementing employer controlled

substances and alcohol use and testing procedures...,” which is the focus of this rulemaking. A Categorical Exclusion determination is available for inspection or copying in the regulations.gov Web site listed under **ADDRESSES**.

In addition to the NEPA requirements to examine impacts on air quality, the Clean Air Act (CAA) as amended (42 U.S.C. 7401 et seq.) also requires FMCSA to analyze the potential impact of its actions on air quality and to ensure that FMCSA actions conform to State and local air quality implementation plans. The additional contributions to air emissions are expected to fall within the CAA de minimis standards and are not expected to be subject to the Environmental Protection Agency’s General Conformity Rule (40 CFR parts 51 and 93).

#### **List of Subjects**

49 CFR Part 382

Administrative practice and procedure, Alcohol abuse, Drug abuse, Drug testing, Highway safety, Motor carriers, Penalties, Safety, Transportation

49 CFR Part 391

Alcohol abuse, Drug abuse, Drug testing, Highway safety, Motor carriers, Reporting and recordkeeping requirements, Safety, Transportation

For the reasons stated in the preamble, FMCSA amends 49 CFR, parts 382 and 391 as follows:

#### **PART 382—CONTROLLED SUBSTANCES AND ALCOHOL USE AND TESTING**

1. The authority citation for part 382 continues to read as follows:

Authority: 49 U.S.C. 31133, 31136, 31301 et seq., 31502; and 49 CFR 1.73.

#### **§ 382.201 [Amended]**



2. Amend § 382.201 by removing the word “actual” between the words “having” and knowledge.”

3. Revise § 382.211 to read as follows:

**§ 382.211 Refusal to submit to a required alcohol or controlled substances test.**

No driver shall refuse to submit to a pre-employment controlled substance test required under § 382.301, a post-accident alcohol or controlled substance test required under § 382.303, a random alcohol or controlled substances test required under § 382.305, a reasonable suspicion alcohol or controlled substance test required under § 382.307, a return-to-duty alcohol or controlled substances test required under § 382.309, or a follow-up alcohol or controlled substance test required under § 382.311. No employer shall permit a driver who refuses to submit to such tests to perform or continue to perform safety-sensitive functions.

4. Revise § 382.213 to read as follows:

**§ 382.213 Controlled substance use.**

(a) No driver shall report for duty or remain on duty requiring the performance of safety sensitive functions when the driver uses any drug or substance identified in 21 CFR 1308.11 Schedule I.

(b) No driver shall report for duty or remain on duty requiring the performance of safety-sensitive functions when the driver uses any non-Schedule I drug or substance that is identified in the other Schedules in 21 CFR part 1308 except when the use is pursuant to the instructions of a licensed medical practitioner, as defined in § 382.107, who is familiar with the driver’s medical history and has advised the driver that the substance will not adversely affect the driver's ability to safely operate a commercial motor vehicle.

(c) No employer having actual knowledge that a driver has used a controlled substance shall permit the driver to perform or continue to perform a safety-sensitive function.

(d) An employer may require a driver to inform the employer of any therapeutic drug use.

**§ 382.215 [Amended]**

5. Amend § 382.215 by removing the word “actual” between the words “having” and knowledge.”

**PART 391—QUALIFICATIONS OF DRIVERS AND LONGER COMBINATION  
VEHICLE (LCV) DRIVER INSTRUCTORS**

6. The authority citation for part 391 continues to read as follows:

Authority: 49 U.S.C. 322, 504, 508, 31133, 31136, and 31502; sec. 4007(b) of Pub. L. 102–240, 105 Stat. 2152; sec. 114 of Pub. L. 103–311, 108 Stat. 1673, 1677; sec. 215 of Pub. L. 106–159, 113 Stat. 1767; and 49 CFR 1.73.

7. Revise § 391.41 paragraph (b)(12) to read as follows:

**§ 391.41 Physical qualifications for drivers.**

\* \* \* \* \*

(b) \* \* \*

(12)(i) Does not use any drug or substance identified in 21 CFR 1308.11 Schedule I, an amphetamine, a narcotic, or other habit-forming drug.

(ii) Does not use any non-Schedule I drug or substance that is identified in the other Schedules in 21 part 1308 except when the use is prescribed by a licensed medical practitioner, as defined in § 382.107, who is familiar with the driver’s medical history and has advised the driver that the substance will not adversely affect the driver’s ability to safely operate a commercial motor vehicle.

\* \* \* \* \*

8. Amend § 391.43(f) by removing the Medical Examination Report for Commercial

Driver Fitness Determination, form 649-F (6045), and adding in its place the following form, to read as follows:

**§ 391.43 Medical examination; certificate of physical examination.**

\* \* \* \* \*

(f) \* \* \*

# Medical Examination Report FOR COMMERCIAL DRIVER FITNESS DETERMINATION

649-F (6045)

## 1. DRIVER'S INFORMATION Driver completes this section

Driver's Name (Last, First, Middle)		Social Security No.	Birthdate M / D / Y	Age	Sex <input type="checkbox"/> M <input type="checkbox"/> F	New Certification <input type="checkbox"/> Recertification <input type="checkbox"/> Follow-up <input type="checkbox"/>	Date of Exam
Address		City, State, Zip Code	Work Tel: (    )  Home Tel: (    )		Driver License No.	License Class <input type="checkbox"/> A <input type="checkbox"/> C <input type="checkbox"/> B <input type="checkbox"/> D <input type="checkbox"/> Other	State of Issue

## 2. HEALTH HISTORY Driver completes this section, but medical examiner is encouraged to discuss with driver.

Yes	No	Yes	No	Yes	No
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Any illness or injury in the last 5 years?		Lung disease, emphysema, asthma, chronic bronchitis		Fainting, dizziness	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Head/Brain injuries, disorders or illnesses		Kidney disease, dialysis		Sleep disorders, pauses in breathing	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Seizures, epilepsy		Liver disease		while asleep, daytime sleepiness, loud	
<input type="checkbox"/> medication _____		<input type="checkbox"/>		snoring	
<input type="checkbox"/>		Digestive problems		<input type="checkbox"/>	
<input type="checkbox"/>		Diabetes or elevated blood sugar controlled by:		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/> diet		Stroke or paralysis	
<input type="checkbox"/>		<input type="checkbox"/> pills		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/> insulin		Missing or impaired hand, arm, foot, leg,	
Eye disorders or impaired vision (except corrective lenses)		<input type="checkbox"/>		finger, toe	
<input type="checkbox"/>		Nervous or psychiatric disorders, e.g., severe depression		<input type="checkbox"/>	
<input type="checkbox"/>		medication _____		Spinal injury or disease	
Ear disorders, loss of hearing or balance		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		Loss of, or altered consciousness		Chronic low back pain	
Heart disease or heart attack; other cardiovascular condition		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> medication _____				Regular, frequent alcohol use	
<input type="checkbox"/>				<input type="checkbox"/>	
Heart surgery (valve replacement/bypass, angioplasty, pacemaker)				Narcotic or habit forming drug use	
<input type="checkbox"/>				<input type="checkbox"/>	
High blood pressure medication _____					
<input type="checkbox"/>					
Muscular disease					
<input type="checkbox"/>					
Shortness of breath					
<input type="checkbox"/>					

For any YES answer, indicate onset date, diagnosis, treating physician's name and address, and any current limitation. List all medications (including over-the-counter medications) used regularly or recently.

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I certify that the above information is complete and true. I understand that inaccurate, false or missing information may invalidate the examination and my Medical Examiner's Certificate.

Driver's Signature \_\_\_\_\_ Date \_\_\_\_\_

**Medical Examiner's Comments on Health History** (The medical examiner must review and discuss with the driver any "yes" answers and potential hazards of medications, including over-the-counter medications, while driving. This discussion must be documented below. )

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3. VISION

**Standard: At least 20/40 acuity (Snellen) in each eye with or without correction. At least 70 degrees peripheral in horizontal meridian measured in each eye. The use of corrective lenses should be noted on the Medical Examiner's Certificate.**

**INSTRUCTIONS:** When other than the Snellen chart is used, give test results in Snellen-comparable values. In recording distance vision, use 20 feet as normal. Report visual acuity as a ratio with 20 as numerator and the smallest type read at 20 feet as denominator. If the applicant wears corrective lenses, these should be worn while visual acuity is being tested. If the driver habitually wears contact lenses, or intends to do so while driving, sufficient evidence of good tolerance and adaptation to their use must be obvious. **Monocular drivers are not qualified.**

**Numerical readings must be provided.**

ACUITY	UNCORRECTED	CORRECTED	HORIZONTAL FIELD OF VISION
Right Eye	20/	20/	Right Eye <input type="radio"/>
Left Eye	20/	20/	Left Eye <input type="radio"/>
Both Eyes	20/	20/	

Applicant can recognize and distinguish among traffic control signals and devices showing standard red, green, and amber colors ?

☐ Yes
 ☐ No

Applicant meets visual acuity requirement only when wearing:

☐ Corrective Lenses

Monocular Vision:

☐ Yes
 ☐ No

Complete next line only if vision testing is done by an ophthalmologist or optometrist

Date of Examination

Name of Ophthalmologist or Optometrist (print)

Tel. No.

License No./ State of Issue

Signature

4. HEARING

**Standard: a) Must first perceive forced whispered voice ≥ 5 ft., with or without hearing aid, or b) average hearing loss in better ear ≤ 40 dB**  
☐ Check if hearing aid used for tests.    ☐ Check if hearing aid required to meet standard.

**INSTRUCTIONS:** To convert audiometric test results from ISO to ANSI, -14 dB from ISO for 500Hz, -10dB for 1,000 Hz, -8.5 dB for 2000 Hz. To average, add the readings for 3 frequencies tested and divide by 3.

**Numerical readings must be recorded.**

a) Record distance from individual at which forced whispered voice can first be heard.	Right ear \ Feet	Left Ear \ Feet
--	---------------------	--------------------

b) If audiometer is used, record hearing loss in decibels. (acc. to ANSI Z24.5-1951)

Right Ear			Left Ear		
500 Hz	1000 Hz	2000 Hz	500 Hz	1000 Hz	2000 Hz
Average:			Average:		

5. BLOOD PRESSURE/ PULSE RATE

**Numerical readings must be recorded. Medical Examiner should take at least two readings to confirm BP.**

Blood Pressure

Systolic

Diastolic

Driver qualified if ≤140/90.

Pulse Rate: ☐ Regular ☐ Irregular

Reading	Category	Expiration Date	Recertification
140-159/90-99	Stage 1	1 year	1 year if ≤140/90. One-time certificate for 3 months if 141-159/91-99.
160-179/100-109	Stage 2	One-time certificate for 3 months.	1 year from date of exam if ≤140/90
≥180/110	Stage 3	6 months from date of exam if ≤10/90	6 months if ≤ 140/90

6. LABORATORY AND OTHER TEST FINDINGS

**Numerical readings must be recorded.**

URINE SPECIMEN	SP. GR.	PROTEIN	BLOOD	SUGAR
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Urinalysis is required. Protein, blood or sugar in the urine may be an indication for further testing to rule out any underlying medical problem.  
 Other Testing (Describe and record) \_\_\_\_\_

**7. PHYSICAL EXAMINATION**

Height: \_\_\_\_\_ (in.) Weight: \_\_\_\_\_ (lbs.)

Name: Last,

First,

Middle,

The presence of a certain condition may not necessarily disqualify a driver, particularly if the condition is controlled adequately, is not likely to worsen or is readily amenable to treatment. Even if a condition does not disqualify a driver, the medical examiner may consider deferring the driver temporarily. Also, the driver should be advised to take the necessary steps to correct the condition as soon as possible particularly if the condition, if neglected, could result in more serious illness that might affect driving.

Check YES if there are any abnormalities. Check NO if the body system is normal. Discuss any YES answers in detail in the space below, and indicate whether it would affect the driver's ability to operate a commercial motor vehicle safely. Enter applicable item number before each comment. If organic disease is present, note that it has been compensated for.

See *Instructions to the Medical Examiner* for guidance.

BODY SYSTEM	CHECK FOR:	YES*	NO	BODY SYSTEM	CHECK FOR:	YES*	NO
1. General Appearance	Marked overweight, tremor, signs of alcoholism, problem drinking, or drug abuse.			7. Abdomen and Viscera	Enlarged liver, enlarged spleen, masses, bruits, hernia, significant abdominal wall muscle weakness.		
2. Eyes	Pupillary equality, reaction to light, accommodation, ocular motility, ocular muscle imbalance, extraocular movement, nystagmus, exophthalmos. Ask about retinopathy, cataracts, aphakia, glaucoma, macular degeneration and refer to a specialist if appropriate.			8. Vascular System	Abnormal pulse and amplitude, carotid or arterial bruits, varicose veins.		
3. Ears	Scarring of tympanic membrane, occlusion of external canal, perforated eardrums.			9. Genito-urinary System	Hernias.		
4. Mouth and Throat	Irremediable deformities likely to interfere with breathing or swallowing.			10. Extremities- Limb impaired. Driver may be subject to SPE certificate if otherwise qualified.	Loss or impairment of leg, foot, toe, arm, hand, finger, Perceptible limp, deformities, atrophy, weakness, paralysis, clubbing, edema, hypotonia. Insufficient grasp and prehension in upper limb to maintain steering wheel grip. Insufficient mobility and strength in lower limb to operate pedals properly.		
5. Heart	Murmurs, extra sounds, enlarged heart, pacemaker, implantable defibrillator.			11. Spine, other musculoskeletal	Previous surgery, deformities, limitation of motion, tenderness.		
6. Lungs and chest, not including breast examination	Abnormal chest wall expansion, abnormal respiratory rate, abnormal breath sounds including wheezes or alveolar rales, impaired respiratory function, cyanosis. Abnormal findings on physical exam may require further testing such as pulmonary tests and/ or xray of chest.			12. Neurological	Impaired equilibrium, coordination or speech pattern; asymmetric deep tendon reflexes, sensory or positional abnormalities, abnormal patellar and Babinski's reflexes, ataxia.		

**\*COMMENTS:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Note certification status here.** See *Instructions to the Medical Examiner* for guidance.

- ☐ Meets standards in 49 CFR 391.41; qualifies for 2 year certificate  
☐ Does not meet standards  
☐ Meets standards, but periodic monitoring required due to \_\_\_\_\_.  
Driver qualified only for: ☐ 3 months ☐ 6 months ☐ 1 year ☐ Other

Temporarily disqualified due to (condition or medication): \_\_\_\_\_

Return to medical examiner's office for follow up on \_\_\_\_\_

- ☐ Wearing corrective lense  
☐ Wearing hearing aid  
☐ Accompanied by a \_\_\_\_\_ waiver/ exemption. Driver must present exemption at time of certification.  
☐ Skill Performance Evaluation (SPE) Certificate  
☐ Driving within an exempt intracity zone (See 49 CFR 391.62)  
☐ Qualified by operation of 49 CFR 391.64

Medical Examiner's signature \_\_\_\_\_

Medical Examiner's name \_\_\_\_\_

Address \_\_\_\_\_

Telephone Number \_\_\_\_\_

**If meets standards, complete a Medical Examiner's Certificate as stated in 49 CFR 391.43(h).** (Driver must carry certificate when operating a commercial vehicle.)

## 49 CFR 391.41 Physical Qualifications for Drivers

### THE DRIVER'S ROLE

Responsibilities, work schedules, physical and emotional demands, and lifestyles among commercial drivers vary by the type of driving that they do. Some of the main types of drivers include the following: turn around or short relay (drivers return to their home base each evening); long relay (drivers drive 9-11 hours and then have at least a 10-hour off-duty period), straight through haul (cross country drivers); and team drivers (drivers share the driving by alternating their 5-hour driving periods and 5-hour rest periods.)

The following factors may be involved in a driver's performance of duties: abrupt schedule changes and rotating work schedules, which may result in irregular sleep patterns and a driver beginning a trip in a fatigued condition; long hours; extended time away from family and friends, which may result in lack of social support; tight pickup and delivery schedules, with irregularity in work, rest, and eating patterns, adverse road, weather and traffic conditions, which may cause delays and lead to hurriedly loading or unloading cargo in order to compensate for the lost time; and environmental conditions such as excessive vibration, noise, and extremes in temperature. Transporting passengers or hazardous materials may add to the demands on the commercial driver.

There may be duties in addition to the driving task for which a driver is responsible and needs to be fit. Some of these responsibilities are: coupling and uncoupling trailer(s) from the tractor, loading and unloading trailer(s) (sometimes a driver may lift a heavy load or unload as much as 50,000 lbs. of freight after sitting for a long period of time without any stretching period); inspecting the operating condition of tractor and/or trailer(s) before, during and after delivery of cargo; lifting, installing, and removing heavy tire chains; and, lifting heavy tarpaulins to cover open top trailers. The above tasks demand agility, the ability to bend and stoop, the ability to maintain a crouching position to inspect the underside of the vehicle, frequent entering and exiting of the cab, and the ability to climb ladders on the tractor and/or trailer(s).

In addition, a driver must have the perceptual skills to monitor a sometimes complex driving situation, the judgment skills to make quick decisions, when necessary, and the manipulative skills to control an oversize steering wheel, shift gears using a manual transmission, and maneuver a vehicle in crowded areas.

### **§391.41 PHYSICAL QUALIFICATIONS FOR DRIVERS**

(a) A person shall not drive a commercial motor vehicle unless he is physically qualified to do so and, except as provided in §391.67, has on his person the original, or a photographic copy, of a medical examiner's certificate that he is physically qualified to drive a commercial motor vehicle.

(b) A person is physically qualified to drive a motor vehicle if that person:

(1) Has no loss of a foot, a leg, a hand, or an arm, or has been granted a Skill Performance Evaluation (SPE) Certificate (formerly Limb Waiver Program) pursuant to §391.49.

(2) Has no impairment of: (i) A hand or finger which interferes with prehension or power grasping; or (ii) An arm, foot, or leg which interferes with the ability to perform normal tasks associated with operating a commercial motor vehicle; or any other significant limb defect or limitation which interferes with the ability to perform normal tasks associated with operating a commercial motor vehicle; or has been granted a SPE Certificate pursuant to §391.49.

(3) Has no established medical history or clinical diagnosis of diabetes mellitus currently requiring insulin for control;

(4) Has no current clinical diagnosis of myocardial infarction, angina pectoris, coronary insufficiency, thrombosis, or any other cardiovascular disease of a variety known to be accompanied by syncope, dyspnea, collapse, or congestive cardiac failure.

(5) Has no established medical history or clinical diagnosis

of a respiratory dysfunction likely to interfere with his ability to control and drive a commercial motor vehicle safely.

(6) Has no current clinical diagnosis of high blood pressure likely to interfere with his ability to operate a commercial motor vehicle safely.

(7) Has no established medical history or clinical diagnosis of rheumatic, arthritic, orthopedic, muscular, neuromuscular, or vascular disease which interferes with his ability to control and operate a commercial motor vehicle safely.

(8) Has no established medical history or clinical diagnosis of epilepsy or any other condition which is likely to cause loss of consciousness or any loss of ability to control a commercial motor vehicle;

(9) Has no mental, nervous, organic, or functional disease or psychiatric disorder likely to interfere with his ability to drive a commercial motor vehicle safely;

(10) Has distant visual acuity of at least 20/40 (Snellen) in each eye without corrective lenses or visual acuity separately corrected to 20/40 (Snellen) or better with corrective lenses, distant binocular acuity of at least 20/40 (Snellen) in both eyes with or without corrective lenses, field of vision of at least 70degrees in the horizontal meridian in each eye, and the ability to recognize the colors of traffic signals and devices showing standard red, green and amber;

(11) First perceives a forced whispered voice in the better ear not less than 5 feet with or without the use of a hearing aid, or, if tested by use of an audiometric device, does not

have an average hearing loss in the better ear greater than 40 decibels at 500 Hz, 1,000 Hz and 2,000 Hz with or without a hearing device when the audiometric device is calibrated to the American National Standard (formerly ASA Standard) Z24.5-1951;

(12)(i) Does not use any drug or substance identified in 21 CFR 1308.11 Schedule I, an amphetamine, a narcotic, or other habit-forming drug.

(ii) Does not use any non-Schedule I drug or substance that is identified in the other Schedules in 21 part 1308 except when the use is prescribed by a licensed medical practitioner, as defined in § 382.107, who is familiar with the driver's medical history and has advised the driver that the substance will not adversely affect the driver's ability to safely operate a commercial motor vehicle.

(13) Has no current clinical diagnosis of alcoholism.

# INSTRUCTIONS TO THE MEDICAL EXAMINER

## General Information

The purpose of this examination is to determine a driver's physical qualification to operate a commercial motor vehicle (CMV) in interstate commerce according to the requirements in 49 CFR 391.41-49. Therefore, the medical examiner must be knowledgeable of these requirements and guidelines developed by the FMCSA to assist the medical examiner in making the qualification determination. The medical examiner should be familiar with the driver's responsibilities and work environment and is referred to the section on the form, **The Driver's Role**.

In addition to reviewing the **Health History** section with the driver and conducting the physical examination, the medical examiner should discuss common prescriptions and over-the-counter medications relative to the side effects and hazards of these medications while driving. Educate the driver to read warning labels on all medications. History of certain conditions may be cause for rejection, particularly if required by regulation, or may indicate the need for additional laboratory tests or more stringent examination perhaps by a medical specialist. These decisions are usually made by the medical examiner in light of the driver's job responsibilities, work schedule and potential for the conditions to render the driver unsafe.

Medical conditions should be recorded even if they are not cause for denial, and they should be discussed with the driver to encourage appropriate remedial care. This advice is especially needed when a condition, if neglected, could develop into a serious illness that could affect driving.

If the medical examiner determines that the driver is fit to drive and is also able to perform non-driving responsibilities as may be required, the medical examiner signs the medical certificate which the driver must carry with his/her license. The certificate must be dated. **Under current regulations, the certificate is valid for two years, unless the driver has a medical condition that does not prohibit driving but does require more frequent monitoring.** In such situations, the medical certificate should be issued for a shorter length of time. The physical examination should be done carefully and at least as complete as is indicated by the attached form. Contact the FMCSA at (202) 366-1790 for further information (a vision exemption, qualifying drivers under 49 CFR 391.64, etc.).

## Interpretation of Medical Standards

Since the issuance of the regulations for physical qualifications of commercial drivers, the Federal Motor Carrier Safety Administration (FMCSA) has published recommendations called Advisory Criteria to help medical examiners in determining whether a driver meets the physical qualifications for commercial driving. These recommendations have been condensed to provide information to medical examiners that (1) is directly relevant to the physical examination and (2) is not already included in the medical examination form. The specific regulation is printed in italics and it's reference by section is highlighted.

## Federal Motor Carrier Safety Regulations -Advisory Criteria-

### Loss of Limb:

#### §391.41(b)(1)

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has no loss of a foot, leg, hand or an arm, or has been granted a Skill Performance Evaluation (SPE) Certificate pursuant to Section 391.49.*

### Limb Impairment:

#### §391.41(b)(2)

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has no impairment of: (i) A hand or finger which interferes with prehension or power grasping; or (ii) An arm, foot, or leg which interferes with the ability to perform normal tasks associated with operating a commercial motor vehicle; or (iii) Any other significant limb defect or limitation which interferes with the ability to perform normal tasks associated with operating a commercial motor vehicle; or (iv) Has been granted a Skill Performance Evaluation (SPE) Certificate pursuant to Section 391.49.*

A person who suffers loss of a foot, leg, hand or arm or whose limb impairment in any way interferes with the safe performance of normal tasks associated with operating a commercial motor vehicle is subject to the Skill Performance Evaluation Certification Program pursuant to section 391.49, assuming the person is otherwise qualified.

With the advancement of technology, medical aids and equipment modifications have been developed to compensate for certain disabilities. The SPE Certification Program (formerly the Limb Waiver Program) was designed to allow persons with the loss of a foot or limb or with functional impairment to qualify under the Federal Motor Carrier Safety Regulations (FMCSRs) by use of prosthetic devices or equipment modifications which enable them to safely operate a commercial motor vehicle. Since there are no medical aids equivalent to the original body or limb, certain risks are still present, and thus restrictions may be included on individual SPE certificates when a State Director for the FMCSA determines they are necessary to be consistent with safety and public interest.

If the driver is found otherwise medically qualified (391.41(b)(3) through (13)), the medical examiner must check on the medical certificate that the driver is qualified only if accompanied by a SPE certificate. The driver and the employing motor carrier are subject to appropriate penalty if the driver operates a motor vehicle in interstate or foreign commerce without a current SPE certificate for his/her physical disability.

### Diabetes

#### §391.41(b)(3)

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has no established medical history or clinical diagnosis of diabetes mellitus currently requiring insulin for control.*

Diabetes mellitus is a disease which, on occasion, can result in a loss of consciousness or disorientation in time and space. Individuals who require insulin for control have conditions which can get out of control by the use of too much or too little insulin, or food intake not consistent with the insulin dosage. Incapacitation may occur from symptoms of hyperglycemic or hypoglycemic reactions (drowsiness, semiconsciousness, diabetic coma or insulin shock).

The administration of insulin is, within itself, a complicated process requiring insulin, syringe, needle, alcohol sponge and a sterile technique. Factors related to long-haul commercial motor vehicle operations, such as fatigue, lack of sleep, poor diet, emotional conditions, stress, and concomitant illness, compound the dangers, the FMCSA has consistently held that a diabetic who uses insulin for control does not meet the minimum physical requirements of the FMCSRs.

Hypoglycemic drugs, taken orally, are sometimes prescribed for diabetic individuals to help stimulate natural body production of insulin. If the condition can be controlled by the use of oral medication and diet, then an individual may be qualified under the present rule. CMV drivers who do not meet the Federal diabetes standard may call (202) 366-1790 for an application for a diabetes exemption.

(See Conference Report on Diabetic Disorders and Commercial Drivers and Insulin-Using Commercial Motor Vehicle Drivers at: <http://www.fmcsa.dot.gov/rulesregs/medreports.htm>)

### Cardiovascular Condition

#### §391.41(b)(4)

**A person is physically qualified to drive a commercial motor vehicle if that person:**

*Has no current clinical diagnosis of myocardial infarction, angina pectoris, coronary insufficiency, thrombosis or any other cardiovascular disease of a variety known to be accompanied by syncope, dyspnea, collapse or congestive cardiac failure.*

The term "has no current clinical diagnosis of" is specifically designed to encompass: "a clinical diagnosis of" (1) a current cardiovascular condition, or (2) a cardiovascular condition which has not fully stabilized regardless of the time limit. The term "known to be



accompanied by" is designed to include a clinical diagnosis of a cardiovascular disease (1) which is accompanied by symptoms of syncope, dyspnea, collapse or congestive cardiac failure; and/or (2) which is likely to cause syncope, dyspnea, collapse or congestive cardiac failure.

It is the intent of the FMCSRs to render unqualified, a driver who has a current cardiovascular disease which is accompanied by and/or likely to cause symptoms of syncope, dyspnea, collapse, or congestive cardiac failure. However, the subjective decision of whether the nature and severity of an individual's condition will likely cause symptoms of cardiovascular insufficiency is on an individual basis and qualification rests with the medical examiner and the motor carrier. In those cases where there is an occurrence of cardiovascular insufficiency (myocardial infarction, thrombosis, etc.), it is suggested before a driver is certified that he or she have a normal resting and stress electrocardiogram (ECG), no residual complications and no physical limitations, and is taking no medication likely to interfere with safe driving.

Coronary artery bypass surgery and pacemaker implantation are remedial procedures and thus, not unqualifying. Implantable cardioverter defibrillators are disqualifying due to risk of syncope. Coumadin is a medical treatment which can improve the health and safety of the driver and should not, by its use, medically disqualify the commercial driver. The emphasis should be on the underlying medical condition(s) which require treatment and the general health of the driver. The FMCSA should be contacted at (202) 366-1790 for additional recommendations regarding the physical qualification of drivers on coumadin.

(See Cardiovascular Advisory Panel Guidelines for the Medical examination of Commercial Motor Vehicle Drivers at: <http://www.fmcsa.dot.gov/rulesregs/medreports.htm>)

## **Respiratory Dysfunction**

### **§391.41(b)(5)**

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has no established medical history or clinical diagnosis of a respiratory dysfunction likely to interfere with ability to control and drive a commercial motor vehicle safely.*

Since a driver must be alert at all times, any change in his or her mental state is in direct conflict with highway safety. Even the slightest impairment in respiratory function under emergency conditions (when greater oxygen supply is necessary for performance) may be detrimental to safe driving.

There are many conditions that interfere with oxygen exchange and may result in incapacitation, including emphysema, chronic asthma, carcinoma, tuberculosis, chronic bronchitis and sleep apnea. If the medical examiner detects a respiratory dysfunction, that in any way is likely to interfere with the driver's ability to safely control and drive a commercial motor vehicle, the driver must be referred to a specialist for further evaluation and therapy. Anticoagulation therapy for deep vein thrombosis and/or pulmonary thromboembolism is not unqualifying once optimum dose is achieved, provided lower extremity venous examinations remain normal and the treating physician gives a favorable recommendation.

## **Hypertension**

### **§391.41(b)(6)**

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has no current clinical diagnosis of high blood pressure likely to interfere with ability to operate a commercial motor vehicle safely.*

Hypertension alone is unlikely to cause sudden collapse; however, the likelihood increases when target organ damage, particularly cerebral vascular disease, is present. This regulatory criteria is based on FMCSA's Cardiovascular Advisory Guidelines for the Examination of CMV Drivers, which used the Sixth Report of the Joint National Committee on Detection, Evaluation, and Treatment of High Blood Pressure (1997).

Stage 1 hypertension corresponds to a systolic BP of 140-159 mmHg and/or a diastolic BP of 90-99 mmHg. The driver with a BP in this range is at low risk for hypertension-related acute incapacitation and may be medically certified to drive for a one-year period. Certification examinations should be done annually thereafter and should be at or less than 140/90. If less than 160/100, certification may be extended one time for 3 months.

A blood pressure of 160-179 systolic and/or 100-109 diastolic is considered Stage 2 hypertension, and the driver is not necessarily unqualified during evaluation and institution of treatment. The driver is given a one time certification of three months to reduce his or her blood pressure to less than or equal to 140/90. A blood pressure in this range is an absolute indication for anti-hypertensive drug therapy. Provided treatment is well tolerated and the driver demonstrates a BP value of 140/90 or less, he or she may be certified for one year from date of the initial exam. The driver is certified annually thereafter.

A blood pressure at or greater than 180 (systolic) and 110 (diastolic) is considered Stage 3, high risk for an acute BP-related event. The driver may **not** be qualified, even temporarily, until reduced to 140/90 or less and treatment is well tolerated. The driver may be certified for 6 months and biannually (every 6 months) thereafter if at recheck BP is 140/90 or less.

Annual recertification is recommended if the medical examiner does not know the severity of hypertension prior to treatment.

An elevated blood pressure finding should be confirmed by at least two subsequent measurements on different days.

Treatment includes nonpharmacologic and pharmacologic modalities as well as counseling to reduce other risk factors. Most antihypertensive medications also have side effects, the importance of which must be judged on an individual basis. Individuals must be alerted to the hazards of these medications while driving. Side effects of somnolence or syncope are particularly undesirable in commercial drivers.

Secondary hypertension is based on the above stages.

## Epilepsy

### §391.41(b)(8)

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has no established medical history or clinical diagnosis of epilepsy or any other condition which is likely to cause loss of consciousness or any loss of ability to control a motor vehicle.*

Epilepsy is a chronic functional disease characterized by seizures or episodes that occur without warning, resulting in loss of voluntary control which may lead to loss of consciousness and/or seizures. Therefore, the following drivers cannot be qualified: (1) a driver who has a medical history of epilepsy; (2) a driver who has a current clinical diagnosis of epilepsy; or (3) a driver who is taking antiseizure medication.

If an individual has had a sudden episode of a nonepileptic seizure or loss of consciousness of unknown cause which did not require antiseizure medication, the decision as to whether that person's condition will likely cause loss of consciousness or loss of ability to control a motor vehicle is made on an individual basis by the medical examiner in consultation with the treating physician. Before certification is considered, it is suggested that a 6 month waiting period elapse from the time of the episode. Following the waiting period, it is suggested that the individual have a complete neurological examination. If the results of the examination are negative and antiseizure medication is not required, then the driver may be qualified.

In those individual cases where a driver has a seizure or an episode of loss of consciousness that resulted from a known medical condition (e.g., drug reaction, high temperature, acute infectious disease, dehydration or acute metabolic disturbance), certification should be deferred until the driver has fully recovered from that condition and has no existing residual complications, and not taking antiseizure medication.

Drivers with a history of epilepsy/seizures off antiseizure medication **and** seizure-free for 10 years may be qualified to drive a CMV in interstate commerce. Interstate drivers with a history of a single unprovoked seizure may be qualified to drive a CMV in interstate commerce if seizure-free **and** off antiseizure medication for a 5-year period or more.

(See Conference on Neurological Disorders and Commercial Drivers at:

<http://www.fmcsa.dot.gov/rulesregs/medreports.htm>)

## Mental Disorders

### §391.41(b)(9)

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has no mental, nervous, organic or functional disease or psychiatric disorder likely to interfere with ability to drive a motor vehicle safely.*

Emotional or adjustment problems contribute directly to an individual's level of memory, reasoning, attention, and judgment. These problems often underlie physical disorders. A variety of functional disorders can cause drowsiness, dizziness, confusion, weakness or paralysis that may lead to incoordination, inattention, loss of functional control and susceptibility to accidents while driving. Physical fatigue, headache, impaired coordination, recurring physical ailments and chronic "nagging" pain may be present to such a degree that certification for commercial driving is inadvisable. Somatic and psychosomatic complaints should be thoroughly examined when determining an individual's overall fitness to drive. Disorders of a periodically incapacitating nature, even in the early stages of development, may warrant disqualification.

Many bus and truck drivers have documented that "nervous trouble" related to neurotic, personality, or emotional or adjustment problems is responsible for a significant fraction of their preventable accidents. The degree to which an individual is able to appreciate, evaluate and adequately respond to environmental strain and emotional stress is critical when assessing an individual's mental alertness and flexibility to cope with the stresses of commercial motor vehicle driving.

When examining the driver, it should be kept in mind that individuals who live under chronic emotional upsets may have deeply ingrained maladaptive or erratic behavior patterns. Excessively antagonistic, instinctive, impulsive, openly aggressive, paranoid or severely depressed behavior greatly interfere with the driver's ability to drive safely. Those individuals who are highly susceptible to frequent states of emotional instability (schizophrenia, affective psychoses, paranoia, anxiety or depressive neuroses) may warrant disqualification. Careful consideration should be given to the side effects and interactions of medications in the overall qualification determination. See Psychiatric Conference Report for specific recommendations on the use of medications and potential hazards for driving.

(See Conference on Psychiatric Disorders and Commercial Drivers at:

<http://www.fmcsa.dot.gov/rulesregs/medreports.htm>)

## Vision

### §391.41(b)(10)

A person is physically qualified to drive a commercial motor vehicle if that person:

*Has distant visual acuity of at least 20/40 (Snellen) in each eye with or without corrective lenses or visual acuity separately corrected to 20/40 (Snellen) or better with corrective lenses, distant binocular acuity of at least 20/40 (Snellen) in both eyes with or without corrective lenses, field of vision of at least 70 degrees in the horizontal meridian in each eye, and the ability to recognize the colors of traffic signals and devices showing standard red, green, and amber.*

The term "ability to recognize the colors of" is interpreted to mean if a person can recognize and distinguish among traffic control signals and devices showing standard red, green and amber, he or she meets the minimum standard, even though he or she may have some type of color perception deficiency. If certain color perception tests are administered, (such as Ishihara, Pseudoisochromatic, Yarn) and doubtful findings are discovered, a controlled test using signal red, green and amber may be employed to determine the driver's ability to recognize these colors.

Contact lenses are permissible if there is sufficient evidence to indicate that the driver has good tolerance and is well adapted to their use. Use of a contact lens in one eye for distance visual acuity and another lens in the other eye for near vision is not acceptable, nor telescopic lenses acceptable for the driving of commercial motor vehicles.

If an individual meets the criteria by the use of glasses or contact lenses, the following statement shall appear on the Medical Examiner's Certificate: "Qualified only if wearing corrective lenses."

CMV drivers who do not meet the Federal vision standard may call (202) 366-1790 for an application for a vision exemption.

(See Visual Disorders and Commercial Drivers at: <http://www.fmcsa.dot.gov/rulesregs/medreports.htm>)

## Hearing

### §391.41(b)(11)

A person is physically qualified to drive a commercial motor vehicle if that person:

*First perceives a forced whispered voice in the better ear at not less than 5 feet with or without the use of a hearing aid, or, if tested by use of an audiometric device, does not have an average hearing loss in the better ear greater than 40 decibels at 500 Hz, 1,000 Hz, and 2,000 Hz with or without a hearing aid when the audiometric device is calibrated to American National Standard (formerly ADA Standard) Z24.5-1951.*

Since the prescribed standard under the FMCSRs is the American Standards Association (ANSI), it may be necessary to convert the audiometric results from the ISO standard to the ANSI standard. Instructions are included on the Medical Examination report form.

If an individual meets the criteria by using a hearing aid, the driver must wear that hearing aid and have it in operation at all times while driving. Also, the driver must be in possession of a spare power source for the hearing aid.

For the whispered voice test, the individual should be stationed at least 5 feet from the examiner with the ear being tested turned toward the examiner. The other ear is covered. Using the breath which remains after a normal expiration, the examiner whispers words or random numbers such as 66, 18,

23, etc. The examiner should not use only sibilants (s sounding materials). The opposite ear should be tested in the same manner. If the individual fails the whispered voice test, the audiometric test should be administered.

If an individual meets the criteria by the use of a hearing aid, the following statement must appear on the Medical Examiner's Certificate "Qualified only when wearing a hearing aid." (See Hearing Disorders and Commercial Motor Vehicle Drivers at: <http://www.fmcsa.dot.gov/rulesregs/medreports.htm>)

### **Drug Use**

#### **§391.41(b)(12)**

A person is physically qualified to drive a commercial motor vehicle if that person does not use any drug or substance identified in 21 CFR 1308.11, an amphetamine, a narcotic, or other habit-forming drug. A driver may use a non-Schedule I drug or substance that is identified in the other Schedules in 21 part 1308 if the substance or drug is prescribed by a licensed medical practitioner who: (A) is familiar with the driver's medical history, and assigned duties; and (B) has advised the driver that the prescribed substance or drug will not adversely affect the driver's ability to safely operate a commercial motor vehicle.

This exception does not apply to methadone. The intent of the medical certification process is

to medically evaluate a driver to ensure that the driver has no medical condition which interferes with the safe performance of driving tasks on a public road. If a driver uses an amphetamine, a narcotic or any other habit-forming drug, it may be cause for the driver to be found medically unqualified. If a driver uses a Schedule I drug or substance, it will be cause for the driver to be found medically unqualified. Motor carriers are encouraged to obtain a practitioner's written statement about the effects on transportation safety of the use of a particular drug.

A test for controlled substances is not required as part of this biennial certification process. The FMCSA or the driver's employer should be contacted directly for information on controlled substances and alcohol testing under Part 382 of the FMCSRs.

The term "uses" is designed to encompass instances of prohibited drug use determined by a physician through established medical means. This may or may not involve body fluid testing. If body fluid testing takes place, positive test results should be confirmed by a second test of greater specificity. The term "habit-forming" is intended to include any drug or medication generally recognized as capable of becoming habitual, and which may impair the user's ability to operate a commercial motor vehicle safely.

The driver is medically unqualified for the duration of the prohibited drug(s) use and until a second examination shows the driver is free

from the prohibited drug(s) use. Recertification may involve a substance abuse evaluation, the successful completion of a drug rehabilitation program, and a negative drug test result. Additionally, given that the certification period is normally two years, the examiner has the option to certify for a period of less than 2 years if this examiner determines more frequent monitoring is required.

(See Conference on Neurological Disorders and Commercial Drivers and Conference on Psychiatric Disorders and Commercial Drivers at: <http://www.fmcsa.dot.gov/rulesregs/medreports.htm>)

### **Alcoholism**

#### **§391.41(b)(13)**

A person is physically qualified to drive a commercial motor vehicle if that person:  
*Has no current clinical diagnosis of alcoholism.*

The term "current clinical diagnosis of" is specifically designed to encompass a current alcoholic illness or those instances where the individual's physical condition has not fully stabilized, regardless of the time element. If an individual shows signs of having an alcohol-use problem, he or she should be referred to a specialist. After counseling and/or treatment, he or she may be considered for certification.

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Anne S. Ferro

Administrator